

# SEARCH REQUEST FORM

## Scientific and Technical Information Center

Requester's Full Name: \_\_\_\_\_ Examiner #: \_\_\_\_\_ Date: \_\_\_\_\_  
Art Unit: \_\_\_\_\_ Phone Number 30 \_\_\_\_\_ Serial Number: \_\_\_\_\_  
Mail Box and Bldg/Room Location: \_\_\_\_\_ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

\*\*\*\*\*

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: \_\_\_\_\_

Inventors (please provide full names): \_\_\_\_\_

Earliest Priority Filing Date: \_\_\_\_\_

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

STAFF USE ONLY		Type of Search	Vendors and cost where applicable
Searcher:	<u>D. Schreiber</u>	NA Sequence (#)	STN _____
Searcher Phone #:	<u>272-2525</u>	AA Sequence (#)	Dialog _____
Searcher Location:	<u>Res. Seq. E01 A61</u>	Structure (#)	Questel/Orbit _____
Date Searcher Picked Up:		Bibliographic	Dr. Link _____
Date Completed:	<u>10/1</u>	Litigation	Lexis/Nexis _____
Searcher Prep & Review Time:	<u>10</u>	Fulltext	Sequence Systems <u>Compre</u>
Clerical Prep Time:		Patent Family	WWW/Internet _____
Online Time:	<u>5</u>	Other	Other (specify) _____



RESULT 2

US-08-628-198-7

Sequence 7, Application US/08628198

Patent No. 5833694

GENERAL INFORMATION:

APPLICANT: Band, Vimla

TITLE OF INVENTION: NES-1 POLYPEPTIDES, DNA, AND RELATED MOLECULES AND METHODS

NUMBER OF SEQUENCES: 11

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson P.C.

STREET: 225 Franklin Street

CITY: Boston

STATE: MA

ZIP: 02110-2804

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/628,198

FILING DATE:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/467,155

FILING DATE: 06-JUN-1995

CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:

NAME: Clark, Paul T.

REGISTRATION NUMBER: 30,162

REFERENCE/DOCKET NUMBER: 00398/100002

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617/542-5070

TELEFAX: 617/542-8906

TELEX: 200154

SEQUENCE CHARACTERISTICS:

LENGTH: 281 amino acids

TYPE: amino acid

STRANDBNESS: not relevant

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-628-198-7

Query Match 38.2%; Score 84; DB 2; Length 281;

Best Local Similarity 66.7%; Pred. No. 0.00045; Indels 0; Gaps 0;

Matches 18; Conservative 2; Mismatches 7; Indels 0; Gaps 0;

Qy 1 MNLLILITFVAAVAAFPDDDKLVHG 27

Db 1 MSALLILALVGAAVAAFPVDDDKTVGG 27

RESULT 4

PCT-US96-07343-7

Sequence 7 Application PC/TUS9607343

GENERAL INFORMATION:

APPLICANT: New England Medical Center Hospitals, Inc.

TITLE OF INVENTION: NES-1 POLYPEPTIDES, DNA, AND RELATED MOLECULES AND METHODS

NUMBER OF SEQUENCES: 11

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson P.C.

STREET: 225 Franklin Street

CITY: Boston

STATE: MA

COUNTRY: USA

ZIP: 02110-2804

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US96/07343

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/467,155

FILING DATE: 06-JUN-1995

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Clark, Paul T.

REGISTRATION NUMBER: 30,162

REFERENCE/DOCKET NUMBER: 00398/100001

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617/542-8906

TELEFAX: 617/542-8906

TELEX: 200154

INFORMATION FOR SEQ ID NO: 7:



Software: FastSEQ for Windows Version 3.0  
 Seq ID: NO 20  
 Length: 401  
 Type: PRT  
 Organism: *Saccharomyces cerevisiae*  
 US-09-911-927-20

Result 9  
 US-09-911-882-20  
 Sequence 20, Application US/09911882  
 Patent No. 6465198  
 General Information:  
 Applicant: Koltin, Yigal  
 Applicant: Gavriis, Victoria  
 Title of Invention: ESSENTIAL FUNGAL GENES AND THEIR USE  
 File Reference: 062886-062004  
 Current Application Number: US/09/911,882  
 Current Filing Date: 2001-07-23  
 Prior Application Number: US 08/965,762  
 Prior Filing Date: 1997-11-07  
 Number of Seq ID Nos: 35  
 Software: FastSEQ for Windows Version 3.0  
 Seq ID No: 20  
 Length: 401  
 Type: PRT  
 Organism: *Saccharomyces cerevisiae*  
 US-09-911-882-20

Query Match 34.3%; Score 75.5; DB 4; Length 401;  
 Best Local Similarity 39.5%; Pred. No. 0.011; Indels 3; Gaps 1;  
 Matches 15; Conservative 7; Mismatches 13; Indels 3; Gaps 1;  
 Software: FastSEQ for Windows Version 3.0  
 Seq ID No: 20  
 Length: 401  
 Type: PRT  
 Organism: *Saccharomyces cerevisiae*  
 US-09-911-882-20

Result 11  
 US-09-386-642-54  
 Sequence 54, Application US/09386642  
 Patent No. 6420157  
 General Information:  
 Applicant: Darrow, Andrew  
 Applicant: Qi, Jenson  
 Applicant: Andrade-Gordon, Patricia  
 Title of Invention: Zymogen Activation System  
 File Reference: ORT-1028  
 Current Application Number: US/09/386,642  
 Current Filing Date: 1999-08-31  
 Number of Seq ID Nos: 60  
 Software: PatentIn Ver. 2.0  
 Seq ID No: 54  
 Length: 284  
 Type: PRT  
 Organism: Artificial Sequence  
 Feature:  
 Other Information: Description of Artificial Sequence  
 Other Information: Description of Artificial Sequence  
 US-09-386-642-54

Query Match 33.6%; Score 74; DB 4; Length 284  
 Best Local Similarity 52.8%; Pred. No. 0.012; Indels 5; Gaps 5;  
 Matches 19; Conservative 2; Mismatches 5;  
 Software: PatentIn Ver. 2.0  
 Seq ID No: 54  
 Length: 284  
 Type: PRT  
 Organism: Artificial Sequence  
 Feature:  
 Other Information: Description of Artificial Sequence  
 Other Information: Description of Artificial Sequence  
 US-09-386-642-54

Qy 2 NLLILTFV-----ANAVAAPFDDDKLVHNG 27  
 Db 20 NLLCQGVSYDXKDDDVDAALAAAPFDDDKIVGG 55

Result 12  
 US-09-386-642-13  
 Sequence 13, Application US/09386642  
 Patent No. 6420157  
 General Information:  
 Applicant: Darrow, Andrew  
 Applicant: Qi, Jenson  
 Applicant: Andrade-Gordon, Patricia  
 Title of Invention: Zymogen Activation System  
 File Reference: ORT-1028  
 Current Application Number: US/09/386,642  
 Current Filing Date: 1999-08-31  
 Number of Seq ID Nos: 60  
 Software: PatentIn Ver. 2.0  
 Seq ID No: 13  
 Length: 288  
 Type: PRT  
 Organism: Artificial Sequence  
 Feature:  
 Other Information: Description of Artificial Sequence  
 Other Information: Description of Artificial Sequence  
 US-09-386-642-13

Query Match 33.6%; Score 74; DB 4; Length 288  
 Best Local Similarity 52.8%; Pred. No. 0.012; Indels 5; Gaps 5;  
 Matches 19; Conservative 2; Mismatches 5;  
 Software: PatentIn Ver. 2.0  
 Seq ID No: 13  
 Length: 288  
 Type: PRT  
 Organism: Artificial Sequence  
 Feature:  
 Other Information: Description of Artificial Sequence  
 Other Information: Description of Artificial Sequence  
 US-09-386-642-13

Qy 2 NLLILTFV-----ANAVAAPFDDDKLVHNG 27  
 Db 20 NLLCQGVSYDXKDDDVDAALAAAPFDDDKIVGG 55

Result 13  
 US-09-386-642-14  
 Sequence 14, Application US/09386642  
 Patent No. 6420157  
 General Information:  
 Applicant: Darrow, Andrew  
 Applicant: Qi, Jenson  
 Applicant: Andrade-Gordon, Patricia  
 Title of Invention: Zymogen Activation System  
 File Reference: ORT-1028  
 Current Application Number: US/09/386,642  
 Current Filing Date: 1999-08-31  
 Number of Seq ID Nos: 60  
 Software: PatentIn Ver. 2.0  
 Seq ID No: 14  
 Length: 288  
 Type: PRT  
 Organism: Artificial Sequence  
 Feature:  
 Other Information: Description of Artificial Sequence  
 Other Information: Description of Artificial Sequence  
 US-09-386-642-14

Query Match 33.6%; Score 74; DB 4; Length 288  
 Best Local Similarity 52.8%; Pred. No. 0.012; Indels 3; Gaps 1;  
 Matches 15; Conservative 7; Mismatches 13; Indels 3; Gaps 1;  
 Software: FastSEQ for Windows Version 3.0  
 Seq ID No: 20  
 Length: 401  
 Type: PRT  
 Organism: *Saccharomyces cerevisiae*  
 US-09-911-882-20

Query Match 34.3%; Score 75.5; DB 4; Length 401;  
 Best Local Similarity 39.5%; Pred. No. 0.011; Indels 3; Gaps 1;  
 Matches 15; Conservative 7; Mismatches 13; Indels 3; Gaps 1;  
 Software: FastSEQ for Windows Version 3.0  
 Seq ID No: 20  
 Length: 401  
 Type: PRT  
 Organism: *Saccharomyces cerevisiae*  
 US-09-911-882-20

APPLICANT: Qi, Jenson  
 TITLE OF INVENTION: Zymogen Activation System  
 FILE REFERENCE: ORT-1028  
 CURRENT APPLICATION NUMBER: US/09/386,642  
 CURRENT FILING DATE: 1999-08-31  
 NUMBER OF SEQ ID NOS: 60  
 SOFTWARE: PatentIn Ver. 2.0  
 SEQ ID NO: 14  
 LENGTH: 289  
 TYPE: PRT  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: Description of Artificial Sequence: Fusion gene  
 OTHER INFORMATION: with homo sapien serine protease catalytic domain  
 US-09-386-642-14

Query Match 33.6%; Score 74; DB 4; Length 316;  
 Best Local Similarity 52.8%; Pred. No. 0.013;  
 Matches 19; Conservative 2; Mismatches 5; Indels 10; Gaps 1;

Qy 2 NLLILITFV-----AAVAAPFDDDKLVHGG 27  
 Db 20 NLLICQGVVSDYKDDDDVDAALAAAPFDDDKIVGG 55

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RESULT 14  
 US-09-386-653A-9  
 Sequence 9, Application US/09386653A  
 Patent No. 6458564  
 GENERAL INFORMATION:  
 APPLICANT: Darrow, Andrew  
 APPLICANT: Andrade-Gordon, Patricia  
 APPLICANT: Qi, Jian-shen  
 TITLE OF INVENTION: DNA encoding the novel human serine  
 FILE REFERENCE: ORT-032  
 CURRENT APPLICATION NUMBER: US/09/386,653A  
 CURRENT FILING DATE: 1999-08-31  
 NUMBER OF SEQ ID NOS: 11  
 SOFTWARE: PatentIn Ver. 2.0  
 SEQ ID NO: 9  
 LENGTH: 315  
 TYPE: PRT  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: Description of Artificial Sequence: Fusion Protein  
 OTHER INFORMATION: of Protease T in a zymogen activation construct  
 US-09-386-653A-9

Query Match 33.6%; Score 74; DB 4; Length 315;  
 Best Local Similarity 52.8%; Pred. No. 0.013;  
 Matches 19; Conservative 2; Mismatches 5; Indels 10; Gaps 1;

Qy 2 NLLILITFV-----AAVAAPFDDDKLVHGG 27  
 Db 20 NLLICQGVVSDYKDDDDVDAALAAAPFDDDKIVGG 55

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RESULT 15  
 US-09-387-375-9  
 Sequence 9, Application US/09387375  
 Patent No. 6485957  
 GENERAL INFORMATION:  
 APPLICANT: Darrow, Andrew  
 APPLICANT: Andrade-Gordon, Patricia  
 APPLICANT: Qi, Jenson  
 TITLE OF INVENTION: DNA Encoding the Human Serine  
 TITLE OF INVENTION: Protease E05  
 FILE REFERENCE: ORT-1031  
 CURRENT APPLICATION NUMBER: US/09/387,375  
 CURRENT FILING DATE: 1999-08-31  
 NUMBER OF SEQ ID NOS: 9

GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: October 1, 2004, 07:14:33 (without alignments)  
16.630 Million cell updates/sec

Title: US-09-856-050-19  
Perfect score: 220  
Sequence: 1 MNLLILTFVAAAVAAPFDDDKLVLGHGKLHHHHHDDDK 40

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 1351062 seqs, 321799191 residues

Total number of hits satisfying chosen parameters: 1351062

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Published Applications\_AA:\*

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2: /cgn2\_6\_ptodata/2/pubpaa/pct\_New\_PUB.pep:\*

3: /cgn2\_6\_ptodata/2/pubpaa/us06\_New\_PUB.pep:\*

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5: /cgn2\_6\_ptodata/2/pubpaa/us07\_New\_PUB.pep:\*

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18: /cgn2\_6\_ptodata/2/pubpaa/us60\_PUBCOMB.pep:\*

Database : Published Applications\_AA:\*

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2: /cgn2\_6\_ptodata/2/pubpaa/pct\_New\_PUB.pep:\*

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14: /cgn2\_6\_ptodata/2/pubpaa/us10B\_PUBCOMB.pep:\*

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17: /cgn2\_6\_ptodata/2/pubpaa/us60\_New\_PUB.pep:\*

18: /cgn2\_6\_ptodata/2/pubpaa/us60\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

### SUMMARIES

1: 122 55.5 247 9 US-09-923-779-154 Description

2: 112 50.9 239 12 US-10-236-417-341 Sequence 154, App

3: 112 50.9 247 12 US-10-236-417-116 Sequence 341, App

4: 112 50.9 247 12 US-10-236-417-150 Sequence 146, App

5: 90.5 41.1 133 11 US-09-927-876-107 Sequence 150, App

6: 90.5 41.1 133 12 US-10-457-047-107 Sequence 107, App

7: 90.5 41.1 133 15 US-10-360-149-107 Sequence 107, App

8: 84 38.2 246 10 US-09-842-758-55 Sequence 341, App

9: 84 38.2 246 12 US-10-174-333-55 Sequence 55, App

10: 84 38.2 281 13 US-10-021-368-7 Sequence 7, App

11: 79 35.9 20 14 US-10-408-930-32 Sequence 32, App

12: 78 35.5 252 16 US-10-423-156-7 Sequence 7, App

13: 76 34.5 252 16 US-10-423-156-8 Sequence 8, App

14: 76 34.5 19 14 US-10-342-103-17 Sequence 17, App

15: 34.5 27 14 US-10-342-103-4 Sequence 4, App

### ALIGNMENTS

RESULT 1  
US-09-923-779-154  
; Sequence 154, Application US/09923779  
; Patent No. US20020076721A1  
; GENERAL INFORMATION:  
; APPLICANT: Pyle, Ruth A.  
; APPLICANT: Xu, Jiangchun  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY  
; TITLE OF INVENTION: AND DIAGNOSIS OF PANCREATIC CANCER  
; FILE REFERENCE: 210121-553  
; CURRENT APPLICATION NUMBER: US/09/923-779  
; CURRENT FILING DATE: 2001-08-06  
; NUMBER OF SEQ ID NOS: 155  
; SOFTWARE: FastSeq For Windows Version 4.0  
; SEQ ID NO: 154  
; LENGTH: 247  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-923-779-154

Query Match 55.5%; Score 122; DB 9; Length 247;  
Best Local Similarity 92.6%; Mismatches 1; Indels 0; Gaps 0;

Qy 1 MNLLILTFVAAVAAFPDDDKLVLGHG 27  
Db 1 MNLLILTFVAAVAAFPDDDKLVLGHG 27

RESULT 2  
US-10-236-417-341  
; Sequence 341, Application US/10236417  
; Publication No. US20040048256A1  
; GENERAL INFORMATION:  
; APPLICANT: Agee et al.  
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME  
; FILE REFERENCE: 21402-442C

### \* SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	122	55.5	247	9	Sequence 154, App
2	112	50.9	239	12	Sequence 341, App
3	112	50.9	247	12	Sequence 146, App
4	112	50.9	247	12	Sequence 150, App
5	90.5	41.1	133	11	Sequence 107, App
6	90.5	41.1	133	12	Sequence 107, App
7	84	38.2	246	10	Sequence 341, App
8	84	38.2	246	12	Sequence 55, App
9	84	38.2	281	13	Sequence 7, App
10	84	38.2	20	14	Sequence 32, App
11	79	35.9	252	16	Sequence 7, App
12	78	35.5	252	16	Sequence 8, App
13	76	34.5	19	14	Sequence 17, App
14	76	34.5	27	14	Sequence 4, App

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CURRENT APPLICATION NUMBER: US/10/236,417
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US60/318,120
; PRIOR FILING DATE: 2001-09-01
; PRIOR APPLICATION NUMBER: US60/318,430
; PRIOR FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: US60/322,781
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/318,184
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/361,663
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: US60/396,412
; PRIOR FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: US60/322,636
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/322,817
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/322,816
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/322,519
; PRIOR FILING DATE: 2001-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 341
; SOFTWARE: Custom
; SEQ ID NO: 341
; LENGTH: 239
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-236-417-341

Query Match 50.9%; Score 112; DB 12; Length 239;
Best Local Similarity 85.2%; Prod. No. 2,8e-06; Indels 0; Gaps 0;
Matches 23; Conservative 2; Mismatches 2; Gaps 0;
Qy 1 MNILLILTFVAAAAPFDDDKLVHG 27
Db 1 MNPLLILTFVAAAAPFDDDKIVGG 27

RESULT 3
US-10-236-417-146
; Sequence 146, Application US/10236417
; Publication No. US20040048256A1
; GENERAL INFORMATION:
; APPLICANT: Agre et al.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 214 02-442C
; CURRENT APPLICATION NUMBER: US/10/236,417
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US60/318,120
; PRIOR FILING DATE: 2001-09-01
; PRIOR APPLICATION NUMBER: US60/318,430
; PRIOR FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: US60/322,781
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/361,663
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: US60/396,412
; PRIOR FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: US60/322,636
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/322,817
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/322,816
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/323,519
; PRIOR FILING DATE: 2001-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 341
; SOFTWARE: Custom
; SEQ ID NO: 150
; LENGTH: 247
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-236-417-150

Query Match 50.9%; Score 112; DB 12; Length 247;
Best Local Similarity 85.2%; Prod. No. 2,9e-06; Indels 0; Gaps 0;
Matches 23; Conservative 2; Mismatches 2; Gaps 0;
Qy 1 MNILLILTFVAAAAPFDDDKLVHG 27
Db 1 MNPLLILTFVAAAAPFDDDKIVGG 27

RESULT 5
US-09-327-876-107
; Sequence 107, Application US/09927876
; Publication No. US2004000554A1
; GENERAL INFORMATION:
; APPLICANT: El Tayar, Nabil
; APPLICANT: Campbell, Robert K
; APPLICANT: Keitton, Christie A
; APPLICANT: He, Chaomei
; TITLE OF INVENTION: Novel Glycoproteins and Methods of Use Thereof
; NUMBER OF SEQ ID NOS: 341
; SOFTWARE: Custom

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; FILE REFERENCE: 20993-003
; CURRENT APPLICATION NUMBER: US/09/927,876
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/225,035
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: US20030219786A1 Glycoproteins and Methods of Use Thereof
; PRIOR FILING DATE: 2003-02-06
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 107
; LENGTH: 133
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Fusion Protein
US-09-927-876-107

Query Match 41.1%; Score 90.5; DB 11; Length 133;
Best Local Similarity 51.2%; Pred. No. 0.00079; Indels 15; Gaps 2;
Matches 21; Conservative 1; Mismatches 4; Number of SEQ ID NOS: 107
Qy 1 MNLLILITFVAAVAAFPDDDKLVRGKLVHHHH-DDDDK 40
Db 1 MSALLILALVGAAVA-----HHHHHGDDDK 27

RESULT 6
US-10-457-047-107
; Publication No. US20040072214A1
; GENERAL INFORMATION:
; APPLICANT: El Tayar, Nabil
; APPLICANT: Campbell, Robert K
; APPLICANT: Kelton, Christie A
; APPLICANT: He, Chaoei
; TITLE OF INVENTION: Novel Glycoproteins and Methods of Use Thereof
; FILE REFERENCE: 20993-003
; CURRENT APPLICATION NUMBER: US/10/457,047
; CURRENT FILING DATE: 2003-06-05
; PRIOR APPLICATION NUMBER: US/10/360,149
; PRIOR FILING DATE: 2003-02-06
; PRIOR APPLICATION NUMBER: US/09/927,876
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/225,035
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/202,724
; PRIOR FILING DATE: 2000-05-08
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 107
; LENGTH: 133
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Fusion Protein
US-10-457-047-107

Query Match 41.1%; Score 90.5; DB 12; Length 133;
Best Local Similarity 51.2%; Pred. No. 0.00079; Indels 15; Gaps 2;
Matches 21; Conservative 1; Mismatches 4; Number of SEQ ID NOS: 107
Qy 1 MNLLILITFVAAVAAFPDDDKLVRGKLVHHHH-DDDDK 40
Db 1 MSALLILALVGAAVA-----HHHHHGDDDK 27

RESULT 7
US-10-360-149-107
; Sequence 107, Application US/10360149
; Publication No. US20030219786A1
; GENERAL INFORMATION:
; APPLICANT: El Tayar, Nabil
; APPLICANT: Campbell, Robert K
; APPLICANT: Kelton, Christie A
; APPLICANT: He, Chaoei
; TITLE OF INVENTION: Novel Glycoproteins and Methods of Use Thereof
; FILE REFERENCE: 20993-003
; CURRENT APPLICATION NUMBER: US/09/842,758
; CURRENT FILING DATE: 2003-02-06
; PRIOR APPLICATION NUMBER: US/10/360,149
; PRIOR FILING DATE: 2003-02-06
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 107
; LENGTH: 133
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Fusion Protein
US-10-360-149-107

Query Match 41.1%; Score 90.5; DB 15; Length 133;
Best Local Similarity 51.2%; Pred. No. 0.00079; Indels 15; Gaps 2;
Matches 21; Conservative 1; Mismatches 4; Number of SEQ ID NOS: 107
Qy 1 MNLLILITFVAAVAAFPDDDKLVRGKLVHHHH-DDDDK 40
Db 1 MSALLILALVGAAVA-----HHHHHGDDDK 27

RESULT 8
US-09-842-758-55
; Sequence 55, Application US/0942758
; Publication No. US2003008324A1
; GENERAL INFORMATION:
; APPLICANT: Vernet, Corine A. M.
; APPLICANT: Fernandes, Elma R.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Shmikets, Richard A.
; APPLICANT: Malyankar, Uriel M.
; APPLICANT: Boidong, Ferenc L.
; APPLICANT: Zethusen, Bryan D.
; APPLICANT: Spyrek, Kimberly A.
; APPLICANT: Majumder, Kumud
; APPLICANT: Tchernov, Velizar T.
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Pattrajan, Meera
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Gangolli, Esha A.
; APPLICANT: Smithson, Gleenda
; APPLICANT: Rastelli, Luca
; APPLICANT: Macdougall, John R.
; APPLICANT: Taupier, Raymond J.
; APPLICANT: Grosser, William M.
; APPLICANT: Edward, Szekeres S.
; APPLICANT: Alsorook II, John P.
; APPLICANT: Title of Invention: No. US2003008324A1 Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 15966-783
; CURRENT APPLICATION NUMBER: US/09/842,758
; CURRENT FILING DATE: 2003-04-25
; PRIOR APPLICATION NUMBER: 60/200,158
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/200,613
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: 60/200,780
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: 60/201,006
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: 60/201,007
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: 60/201,236
; PRIOR FILING DATE: 2000-05-01
; PRIOR FILING DATE: 2000-05-01

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MOLECULE TYPE: protein  
SEQUENCE DESCRIPTION: SEQ ID NO: 7:  
US-10-021-368-7

Query Match 38.2%; Score 84; DB 13; Length 281;  
Best Local Similarity 66.7%; Pred. No. 0.012; Indels 0; Gaps 0;  
Matches 1B; Conservative 2; Mismatches 7; Indels 0; Gaps 0;

RESULT 13  
US-10-423-156-8  
; Sequence 8, Application US/10423156  
; Publication No. US20040116662A1  
; GENERAL INFORMATION:  
; APPLICANT: Lin, Hsin-Yu  
; CHING-LONG HUMAN  
; TITLE OF INVENTION: ANTIGENIC FRAGMENT OF HUMAN  
; TITLE OF INVENTION: T-LYMPHOTROPIC VIRUS  
; FILE REFERENCE: 05204-020001  
; CURRENT APPLICATION NUMBER: US/10/423,156  
; CURRENT FILING DATE: 2003-04-25  
; PRIOR APPLICATION NUMBER: TW 91135980  
; PRIOR FILING DATE: 2002-12-12  
; NUMBER OF SEQ ID NOS: 50  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO: 8  
; LENGTH: 252  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Shynthetically generated peptide  
US-10-423-156-8

Query Match 35.5%; Score 78; DB 16; Length 252;  
Best Local Similarity 70.6%; Pred. No. 0.063; Indels 4; Mismatches 1; Gaps 0;  
Matches 12; Conservative 1; Indels 4; Mismatches 1; Gaps 0;

RESULT 14  
US-10-342-103-17  
; Sequence 17, Application US/10342103  
; Publication No. US20030148359A1  
; GENERAL INFORMATION:  
; APPLICANT: MOCYDŁOWSKI et al.  
; TITLE OF INVENTION: SAXITOXIN DETECTION AND ASSAY METHOD  
; FILE REFERENCE: YU-YU-701-009  
; CURRENT APPLICATION NUMBER: US/10/342,103  
; CURRENT FILING DATE: 2003-01-13  
; PRIOR APPLICATION NUMBER: 60/346086  
; PRIOR FILING DATE: 2002-01-11  
; NUMBER OF SEQ ID NOS: 18  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO: 17  
; LENGTH: 19  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Flag-His6 tag  
US-10-342-103-17

Query Match 34.5%; Score 76; DB 14; Length 19;  
Best Local Similarity 76.5%; Pred. No. 0.004; Indels 1; Mismatches 1; Gaps 2;

RESULT 15  
US-10-423-156-7  
; Sequence 7, Application US/10423156  
; Publication No. US20040116662A1  
; GENERAL INFORMATION:  
; APPLICANT: Lin, Hsin-Yu  
; CHING-LONG HUMAN  
; TITLE OF INVENTION: ANTIGENIC FRAGMENT OF HUMAN  
; TITLE OF INVENTION: T-LYMPHOTROPIC VIRUS  
; FILE REFERENCE: 05204-020001  
; CURRENT APPLICATION NUMBER: US/10/423,156  
; CURRENT FILING DATE: 2003-04-25  
; PRIOR APPLICATION NUMBER: TW 91135980  
; PRIOR FILING DATE: 2002-12-12  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO: 7  
; LENGTH: 252  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Shynthetically generated peptide  
US-10-423-156-7

Query Match 35.5%; Score 78; DB 16; Length 252;

US-10-342-103-4  
Sequence 4, Application US/10342103  
Publication No. US2003148359A1  
GENERAL INFORMATION:  
APPLICANT: Mozydłowski, et al.  
TITLE OF INVENTION: SAXITOXIN DETECTION AND ASSAY METHOD  
FILE REFERENCE: YU-P01-009  
CURRENT APPLICATION NUMBER: US/10/342,103  
CURRENT FILING DATE: 2003-01-13  
PRIOR APPLICATION NUMBER: 60/346086  
PRIOR FILING DATE: 2002-01-11  
NUMBER OF SEQ ID NOS: 18  
SOFTWARE: Patentin version 3.2  
SEQ ID NO 4  
LENGTH: 27  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE: peptide sequence encoded by complement to anti-sense primer  
OTHER INFORMATION: peptide sequence encoded by complement to anti-sense primer  
US-10-342-103-4

Query Match 34.5%; Score 76; DB 14; Length 27;  
Best Local Similarity 76.5%; Pred. No. 0.0094;  
Matches 13; Conservative 1; Mismatches 1; Indels 2; Gaps 1;  
QY 19 DDDDKLYHGKLEHHHHH 35  
Db 13 DDDKIVGG--HHHHHH 27

Search completed: October 1, 2004, 07:34:46  
Job time : 775 secs